

(12) PATENT

(19) AUSTRALIAN PATENT OFFICE

(11) Application No. AU 199721493 B2

(10) Patent No. 716610

(54) Title

Method for producing cephalosporins, and intermediate products obtained during the production process

(51)⁶ International Patent Classification(s)

C07D 493/04 C07D 277/24
C07C 047/21 C07D 319/06
C07C 059/01

(21) Application No: 199721493

(22) Application Date: 1997.01.15

(87) WIPO No: WO98/08849

(30) Priority Data

(31) Number	(32) Date	(33) Country
19636343	1996.08.30	DE
19645361	1996.10.28	DE
19645362	1996.10.28	DE

(43) Publication Date : 1998.03.19

(43) Publication Journal Date : 1998.05.14

(44) Accepted Journal Date : 2000.03.02

(71) Applicant(s)

Novartis Aktiengesellschaft

(72) Inventor(s)

Dieter Schinzer; Anja Limberg; Oliver M. Bohm; Armin Bauer; Martin Cordes

(74) Agent/Attorney

DAVIES COLLISON CAVE, 1 Little Collins Street, MELBOURNE VIC 3000

(56) Related Art

JOURNAL OF ORGANIC CHEMISTRY 1973 V.38(12) PAGES 2136-2143
CHEMICAL PHYSICS LETTERS 1981 VOL. 77(1) PAGES 131-134